

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	GB-2220939-\$.did.	EPO; DERWENT	OR	OFF	2007/04/09 09:29
S2	2	GB-2220936-\$.did.	EPO; DERWENT	OR	OFF	2007/04/09 15:01
S3	3687	422/177,179,180.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/09 11:13
S4	3101	vermiculite same (non near\$3 intumescent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/09 11:23
S5	108	S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/09 11:16
S6	448865	(particle adj size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/09 11:16
S7	14	S5 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/09 11:16
S8	134	vermiculite same (non with intumescent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/09 12:34
S9	62	S3 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/09 11:27
S10	8	S6 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/09 11:24

## EAST Search History

S11	60	S9 and area	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/09 11:28
S12	55	area same (non with intumescent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/09 11:32
S13	11	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/09 11:41
S14	1	("6389693").PN.	USPAT; USOCR	OR	OFF	2007/04/09 11:41
S15	20	vermiculite with expanded with delaminated	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/09 12:35
S16	9	S3 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/09 13:21
S17	145	(vermiculite with binder) and (unexpanded adj vermiculite)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/09 13:22
S18	40	S6 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/09 13:57
S19	1	("4305992").PN.	USPAT; USOCR	OR	OFF	2007/04/09 14:38
S20	10	((("5523059") or ("5585312") or ("5705444") or ("5714421") or ("5736109") or ("5853675") or ("5869010") or ("5874375") or ("6051193") or ("6245301") or ("2001014626")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 15:33
S21	0	("2001014626").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 14:47

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S22	0	("2001024626").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 14:47
S23	0	("200124626").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 14:47
S24	0	("teneyk.in.").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 14:47
S25	0	("teneyck.in.").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 14:48
S26	0	("eyck.in.").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 14:48
S27	12	teneyck.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 14:52
S28	34	((("2051279") or ("2155107") or ("2576312") or ("3001571") or ("3458329") or ("3799836") or ("3916057") or ("3947707") or ("4036654") or ("4054472") or ("4153439") or ("4238213") or ("4305992") or ("4325724") or ("4342581") or ("4351054") or ("4366251") or ("4385135") or ("4521333") or ("4615988") or ("4693740") or ("4929429") or ("5207989") or ("5242871") or ("5248637") or ("5254410") or ("5290522") or ("5332699"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 14:56
S29	13	"8502394"	EPO; JPO; DERWENT	OR	OFF	2007/04/09 14:57
S30	2	"9315208"	EPO; JPO; DERWENT	OR	OFF	2007/04/09 14:57
S31	11	"9702219"	EPO; JPO; DERWENT	OR	OFF	2007/04/09 14:57
S32	41	"0076677"	EPO; JPO; DERWENT	OR	OFF	2007/04/09 14:58
S33	12	"76677"	EPO; JPO; DERWENT	OR	OFF	2007/04/09 14:59
S34	4	"144349"	EPO; JPO; DERWENT	OR	OFF	2007/04/09 14:59
S35	6	"1388649"	EPO; JPO; DERWENT	OR	OFF	2007/04/09 15:00
S36	8	"739862"	EPO; JPO; DERWENT	OR	OFF	2007/04/09 15:00

## EAST Search History

S37	12	"520247"	EPO; JPO; DERWENT	OR	OFF	2007/04/09 15:00
S38	4	"810773"	EPO; JPO; DERWENT	OR	OFF	2007/04/09 15:01
S39	0	GB-520247-\$.did.	EPO; DERWENT	OR	OFF	2007/04/09 15:01
S40	0	GB-810773-\$.did.	EPO; DERWENT	OR	OFF	2007/04/09 15:01
S41	1	GB-1209244-\$.did.	EPO; DERWENT	OR	OFF	2007/04/09 15:02
S42	1	GB-1273205-\$.did.	EPO; DERWENT	OR	OFF	2007/04/09 15:02
S43	1	GB-1399556-\$.did.	EPO; DERWENT	OR	OFF	2007/04/09 15:02
S44	1	GB-1446910-\$.did.	EPO; DERWENT	OR	OFF	2007/04/09 15:02
S45	1	GB-2083017-\$.did.	EPO; DERWENT	OR	OFF	2007/04/09 15:02
S46	2	GB-2122537-\$.did.	EPO; DERWENT	OR	OFF	2007/04/09 15:03
S47	2	GB-2150553-\$.did.	EPO; DERWENT	OR	OFF	2007/04/09 15:03
S48	2	GB-2220936-\$.did.	EPO; DERWENT	OR	OFF	2007/04/09 15:03
S49	0	CA-588493-\$.did.	EPO; DERWENT	OR	OFF	2007/04/09 15:04
S50	1	"13819"	JPO	OR	OFF	2007/04/09 15:05
S51	0	"133311"	JPO	OR	OFF	2007/04/09 15:05
S52	0	"43429"	JPO	OR	OFF	2007/04/09 15:05
S53	0	"54252"	JPO	OR	OFF	2007/04/09 15:05
S54	251	501/36.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 15:34
S55	3	S54 and vermiculite	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 15:34
S56	3481	422/177,180.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/11 14:28

## EAST Search History

S57	150	catalyst and (thermal adj conductivity) and porosity and (refractive adj index)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/11 17:36
S58	5	S56 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/11 09:52
S59	4	catalyst and (thermal adj conductivity) and porosity and (refractive adj index)	EPO; JPO; DERWENT	OR	OFF	2007/04/11 10:04
S60	49594	ceramic and exhaust	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/11 10:25
S61	44	S57 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/11 10:34
S62	50	ceramic.ab. and refractive.ab. and conductivity.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/11 11:04
S63	1	("4942020").PN.	USPAT; USOCR	OR	OFF	2007/04/11 11:05
S64	1	("5778664").PN.	USPAT; USOCR	OR	OFF	2007/04/11 11:05
S65	12	("4876852"   "4880772"   "5174877"   "5449443"   "5480524").PN. OR ("5778664").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/11 11:21
S66	341	catalyst and (thermal adj conductivity) and porosity and cordierite and (alumina or titania or zirconia or silica) and exhaust	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/11 12:20
S67	51	S66 and "422"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/11 11:57

## EAST Search History

S68	6	((("5914187") or ("20040031264") or ("5930994") or ("6447564") or ("6565630") or ("6669751") or ("20040055265") or ("20040033175") or ("6770116"))). PN.	USPAT; USOCR	OR	OFF	2007/04/11 11:59
S69	9	((("5914187") or ("20040031264") or ("5930994") or ("6447564") or ("6565630") or ("6669751") or ("20040055265") or ("20040033175") or ("6770116"))). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/11 13:59
S70	0	S69 and refractive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/11 12:16
S71	380598	(copper adj oxide) or (iron adj oxide) or cobalt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/12 10:35
S72	168	S66 and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/11 12:21
S73	73	S72 and refractive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/11 12:30
S74	7	gordon.in. and alward.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/11 12:30
S75	17	sakashita.in. and keichi.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 15:44
S76	1	("3991254").PN.	USPAT; USOCR	OR	OFF	2007/04/11 14:28
S77	42	("2124865"   "2348395"   "2893888"   "2949704"   "3048481"   "3275721"   "3318723"   "3357842"   "3468750"   "3837630"   "3839517"   "3875271"   "3885977"   "3891734"   "3892580"   "3940276").PN. OR ("3991254"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/11 15:33

## EAST Search History

S78	0	("(thermaladjconductivity)withlow\$").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/11 15:34
S79	27612	(thermal adj conductivity) with low	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:35
S80	49	S56 and S79	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:50
S81	61	honeycomb with catalyst with spray\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 10:16
S82	6	S56 and S81	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 17:29
S83	65	ito.in. and yukari.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/11 17:29
S84	13	S83 and ogura.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/11 17:30
S85	13	S83 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/11 17:30
S86	2246	catalyst and (thermal adj conductivity) and porosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/11 17:36
S87	1466	S86 and (alumina or titania)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/11 17:37
S88	710	S87 and exhaust and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/11 17:37

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S89	34853	low with (thermal adj conductivity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/12 10:36
S90	431	S88 and S89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/11 17:49
S91	25	S90 and "422"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/11 17:38
S92	431	S90 and exhaust	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/11 17:50
S93	186	S92 and filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/12 09:39
S94	1	("5320909").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 09:55
S95	2	CoCrAlY with (thermal adj conductivity)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 09:55
S96	62	honeycomb with catalyst with spray\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 10:16
S97	37	S96 and exhaust	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 10:16
S98	1007755	titania or (titanium dioxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/12 10:35
S99	34877	low with (thermal adj conductivity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/12 10:36



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S10 0	8960	S98 and S99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/12 10:36
S10 1	557	S100 and catalyst and exhaust and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/12 10:37
S10 2	202	S101 and honeycomb	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/12 10:37
S10 3	34089	S101 and (iron adj oxide) or (copper adj oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/12 10:38
S10 4	33902	S102 and (iron adj oxide) or (copper adj oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/12 10:38
S10 5	132196	(iron adj oxide) or (copper adj oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/12 10:38
S10 6	119	S102 and S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/12 10:51
S10 7	1	("6210645").PN.	USPAT; USOCR	OR	OFF	2007/04/12 10:54
S10 8	1274	501/134.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 10:54
S10 9	18	S108 and honeycomb and catalyst	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 10:58
S11 0	8	S109 and conductivity	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 10:56
S11 1	6	S108 and catalyst and (low same (thermal adj conductivity))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 11:21

## EAST Search History

S11 2	19	ogunwumi.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 11:01
S11 3	6	S108 and catalyst and refractive	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 11:22
S11 4	207	sakashita.in. and keiichi.in.	JPO	OR	OFF	2007/04/12 15:45